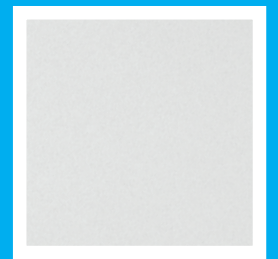




KNAUFCEILING
Solutions

DATASHEET

AMF THERMATEX[®] dB Acoustic



- AMF THERMATEX[®] dB Acoustic is the ideal solution for spaces requiring excellent sound attenuation and good sound absorption. It provides a simple yet timeless design finish to any space
- Good sound absorption (0.65 (H) α_w)
- Excellent sound attenuation (24mm thickness: 41 dB - 30mm thickness: 43dB)

- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, meeting rooms and learning applications or corridors

Edge details Additional edge details on request		Board 	Tegular 24/90 	Tegular 15/90 																					
Thickness (mm)		24, 30	24	24																					
Dimensions (mm)		600 x 600	600 x 600	600 x 600																					
System		Exposed demountable - System C																							
Weight		8.6 - 10.6 kg / m ²																							
Colour		 White																							
Sound absorption		EN ISO 354 $\alpha_w = 0.65$ (H) as per EN ISO 11654 - Class C Frequency f (Hz) <table border="1" style="width: 100%; text-align: center;"> <tr> <td></td> <td>125</td> <td>250</td> <td>500</td> <td>1000</td> <td>2000</td> <td>4000</td> </tr> <tr> <td>α_p Board (24mm), Tegular 24/90, Tegular 15/90</td> <td>0.40</td> <td>0.45</td> <td>0.60</td> <td>0.80</td> <td>0.95</td> <td>0.95</td> </tr> <tr> <td>α_p Board (30mm)</td> <td>0.35</td> <td>0.40</td> <td>0.65</td> <td>0.85</td> <td>0.90</td> <td>0.95</td> </tr> </table> NRC = 0.70 as per ASTM C 423				125	250	500	1000	2000	4000	α_p Board (24mm), Tegular 24/90, Tegular 15/90	0.40	0.45	0.60	0.80	0.95	0.95	α_p Board (30mm)	0.35	0.40	0.65	0.85	0.90	0.95
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α_p Board (30mm)	0.35	0.40	0.65	0.85	0.90	0.95																			
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 41$ dB (24mm) as per EN ISO 717-1 $D_{n,f,w} = 43$ dB (30mm) as per EN ISO 717-1 CAC = 43 dB (24mm) as per ASTM E 413-10																							
Sound reduction		EN ISO 10140-2 $R_w = 24$ dB (24mm) as per EN ISO 717-1 $R_w = 25$ dB (30mm) as per EN ISO 717-1																							
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1 Class A as per ASTM E 84																							
Light reflectance		88%																							
Thermal conductivity		$\lambda = 0.075$ W/mk as per EN 12667																							
Air permeability		PM1 (≤ 30 m ³ /hm ²) as per DIN 18177																							
Humidity resistance		95% RH																							
Clean room		ISO 4 as per EN ISO 14644-1																							
Indoor air quality		 A+	 E1	 EUROFINS GOLD CERTIFIED PRODUCT																					
Cleanability																									
Sustainability		 EN ISO 14021 36.9 - 37%	 EN ISO 14025	 EC 1272/2008 Annex G M1 www.blauer-engel.de/uz132																					

Product availability may vary from country to country. Please contact your local sales representative. For further information and legal notice, please visit our website.